

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/014142

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E05F15/16 H01H7/16 H01H17/18		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 E05F H01H		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/121619 A1 (SZPUR ROMAN) 3 July 2003 (2003-07-03)	1,2
Y	paragraph '0017! - paragraph '0018! figures	3,5-7
Y	----- DE 86 01 049 U1 (OTTO STERKEL GMBH & CO, 7980 RAVENSBURG, DE) 13 March 1986 (1986-03-13)	3,5-7
A	page 3 page 5 - page 7 figures	1
A	----- GB 2 154 369 A (JEFFREY * GIBBON) 4 September 1985 (1985-09-04) abstract figures ----- -/--	1
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "Z" document member of the same patent family		
Date of the actual completion of the international search 12 April 2005		Date of mailing of the international search report 20/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3018		Authorized officer Van Kessel, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 11 39 903 B (FA. HEINRICH KOPP; INH. THEODOR SIMONEIT) 22 November 1962 (1962-11-22) column 1, line 43 - column 2, line 43 figures -----	1

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003121619	A1	03-07-2003	NONE	
DE 8601049	U1	13-03-1986	NONE	
GB 2154369	A	04-09-1985	NONE	
DE 1139903	B	22-11-1962	NONE	